





In  $\bigcirc K$ ,  $\overline{GH}$  is a diameter and  $m \angle GNH = 4x - 14$ . Find the value of x.



<u>HINT</u>: GH is also the <u>hypotenuse</u>. Therefore, angle GNH is a <u>right</u> angle.

# Angles with the Vertex OUTSIDE of the Circle









## **ON YOUR OWN**

#### EX 1:



EX 3:







## **ON YOUR OWN**

#### EX 1:



EX 3:







 $x = 40^{\circ}$ 

x = 128°

 $\mathbf{X} = \mathbf{66}^{\circ}$ 

### Classwork: Angles Outside of a Circle

https://forms.office.com/Pages/ResponsePage.aspx?id=-x30L5-ROEmquMR\_D8kYLWbKo50joN1FnNo7u2GDUMNUMkgwMlUyVj VHUElZVUFXWkxBTjhJUEVOVy4u